

TEC

4272

MODEL

SERVICE MANUAL

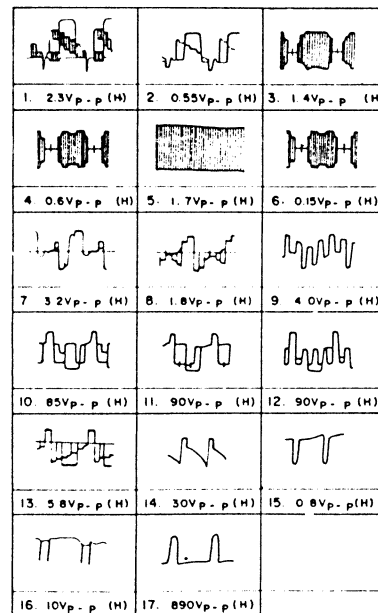
# Schaltplan

TEC 4272

## SAFETY CAUTION:

BEFORE SERVICING THIS CHASSIS, IT IS IMPORTANT THAT THE SERVICE TECHNICIAN READ AND FOLLOW THE "X-RAY RADIATION PRECAUTION," "SAFETY PRECAUTIONS" AND "PRODUCT SAFETY NOTICE" IN THE SERVICE MANUAL.

1. WAVEFORMS TAKEN USING SIGNAL FROM A STANDARD COLOR BAR GENERATOR.
2.  INDICATES WAVEFORM CHECK POINTS.



## NOTES:

1. RESISTANCE VALUES ARE IN OHMS K=1,000, M=1,000,000
2. CAPACITANCE VALUES 1.0 AND ABOVE ARE IN PF, THOSE BELOW ARE IN UF EXCEPT AS INDICATED
3. INDUCTOR VALUES IN UH EXCEPT AS INDICATED
4. VOLTAGES ARE MEASURED FROM CHASSIS GROUND TO POINT INDICATED WITH A "VTVM" WHILE RECEIVING A COLOR BAR SIGNAL WITH ALL CONTROLS SET TO THE MAXIMUM POSITION. (FOR A NOMINAL LINE VOLTAGE AC 110-260V, 50/60HZ).
5. SINCE THE CIRCUIT DIAGRAM IS A STANDARD ONE, THE CIRCUIT AND CIRCUIT CONSTANTS MAY BE SUBJECT TO CHANGE FOR IMPROVEMENT WITHOUT ANY NOTICE.

## PRODUCT SAFETY NOTE:

SHADED COMPONENTS HAVE SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY AND SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ORIGINAL OR SPECIFIED IN THE PARTS LIST.

DON'T DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING.

| LOCAT. | 14 INCH   | 20 INCH   | LOCAT. | 14 INCH      | 20 INCH     |
|--------|-----------|-----------|--------|--------------|-------------|
| Q404   | 2SD1554   | 2SD1555   |        |              |             |
| T801   | 6PC487900 | 6PC487548 | R241   | 150K OHM     | 120K OHM    |
| T409   | DCF1551P  | DCF2082P  | R431   | 2K OHM (F)   | 2W 100M (F) |
| C825   | 0.02 200V | 0.33 200V |        |              |             |
| C420   | 3000 18KV | 3900 18KV | CRT    | 14" 370E0822 | 510RJB22    |
|        |           |           |        | 16" 420E0822 |             |

